

Fig. 1.

The diagram illustrates a wellbore system. A pump (9) is connected to a wellbore (2) via a line (14). The wellbore (2) contains a fluid (3) and is surrounded by a casing (4). A valve assembly (5) is located within the wellbore, featuring a valve (11) and a control mechanism (12a, 12b). A fluid line (16) connects the wellbore to a reservoir (13) via a pump (17). The reservoir (13) contains a fluid (13) and is connected to the wellbore (2) via a line (19). The wellbore (2) is shown with a fluid level (7) and a fluid flow direction (8). The wellbore (2) is also connected to a fluid line (10) that leads to a reservoir (13). The wellbore (2) is shown with a fluid level (7) and a fluid flow direction (8). The wellbore (2) is also connected to a fluid line (10) that leads to a reservoir (13).

Fig.2.

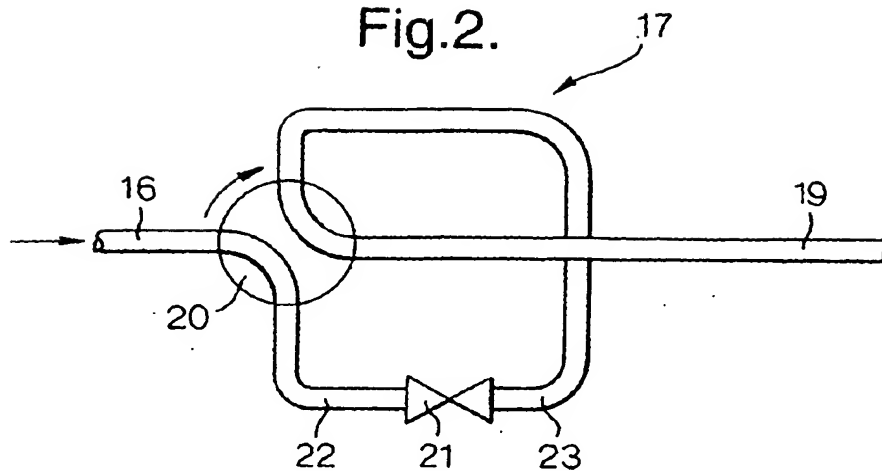


Fig.3.

